

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD				Amendment Design Review (ADR) Yes/No: YES		ECN #: 916	
Date: 07.02.14				ADR Date: 07.02.13			
Job No: 00055				Created By: <i>JS</i>		Checked By: <i>AMP</i>	
Product No: D206-540-013				Approved By: <i>JS</i>		Approved By: <i>AMP</i>	
Product Name: HELI-UTILITY-BASKET				(Proj. Manager)		(Management if reqd)	
Documents Affected: RELEASE DSI 9369 @ REV. A RELEASE D2749 @ REV. C							
#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete	
1	Required Documents/Drawings Under Review?	X		MB	ASAP	07.02.12	
2	Update Blue/Pink Folder/Electronic File	X		KJ	07.02.16	07.02.14 <i>JS</i>	
3	Update DSI Folder /Electronic File	X		KJ	07.02.16	07.02.14 <i>JS</i>	
4	Update D-Part Master Binder	X		KJ	07.02.16	07.02.19 <i>JS</i>	
5	Update Grey Project Binder	X		KJ /MB	07.02.16		
6	Update DEO/DSI Binder	X		KJ	07.02.16	07.02.19 <i>JS</i>	
7	Update Master Document List (MDL)		X				
8	Update Document Record (DR) <i>Rev. G.</i>	X		KJ	07.02.16	07.02.14 <i>JS</i>	
9	Update Change Record Form		X				
10	Move Electronic File	X		KJ	07.02.16	07.02.14 <i>JS</i>	
11	Notify TC of Change		X				
12	Notify FAA of Change		X				
13	Update QSI 021 (TC/FAA STC)		X				
14	Update QSI 036 (K-Kits)		X				
15	Update Accpac Database	X		KJ	07.02.16	07.02.14 <i>JS</i>	
16	Update Access Database	X		KJ	07.02.16	07.02.14 <i>JS</i>	
17	Verification ARC		X				
18	Update STC Approval List		X				
19	Update Product Development Summary		X				
20	Create/Update COSS (Estimate/BOM)	X		JLM/EC	07.02.16	<i>JS</i> 07.02.16	
21	Create/Update PPP's		X				
22	Update Paperwork Kits in Production		X				
23	Update Paperwork Kits in Stock		X				
24	Red Tag Stock with old CHG #	X		JM/DT	ASAP	<i>JS</i> 07.02.19	
25	Rework/Scrap Current Production		X				
26	Rework/Scrap Kits in Stock?		X				
27	Update Qpulse/Laminated Dwgs		X				
28	Create/Update Controlled PDF Files	X		KJ	07.02.16	07.02.14 <i>JS</i>	
29	Create/Update FAI sheets	X		JLM/EC	07.02.16	<i>JS</i> 07.02.16	
30	Create/Update CNC Programs		X				
31	Create/Update Tooling		X				
32	MPP required?		X				
33	Notify Previous Customers		X				
34	Notify Eurocopter France		X				
35							
36							
Description / Action: * D206-540-011/-013 WILL REMAIN UNDER REVIEW AS PER ATTACHED ADR. * ENTER D2749-9/-11 IN THE SYSTEM. * CREATE ESTIMATES FOR D2749-9/-11 AND UPDATE ESTIMATE REVS FOR D2749-1/-3/-5/-7. * CREATE FAI SHEET FOR D2749-9/-11. * QUARANTINE ALL D206-540-011/-013 (2 D206-540-011 ARE IN STOCK: B/Ns B26878 & B27160)							

 ECN Complete: *AMP*

Date: 07/7/24

AMENDMENT DESIGN REVIEW (ADR)Part/Installation No.: D206-540-013 Rev I Design Review No.: _____ Date: 07.02.13Project Number: #00055 Project Description/Title: HELI-UTILITY-BASKET
INSTALLATIONEng. Project Manager: MARC BELLAVANCE

Persons Present	Title	Initial
SERGE SHAHBAZIAN	Design Manager	<i>SS</i>
MARC BELLAVANCE	Engineering Project Manager	<i>MB</i>
DAVID SHEPHERD	Chief Engineer (DE #02)	
	Manufacturing Manager	
	Quality Manager	
DAN STOW	Customer Support	<i>DS</i>

Comments

EGLI AIR HAUL HAVE 2 PROBLEMS WITH INSTALLATION OF BASKET (SEE EMAIL AND PICS):

1) SLIGHT INTERFERENCE WITH FWD BASKET HINGE AND DOOR; 2) FWD STRUT TOO SHORT
 WORKING WITH THE CUSTOMER WE CONCLUDED THAT HIS INSTALLATION IS I.A.W. OUR INSTALLTION DRAWING ,
 AND ALL THE PARTS USED TO INSTALL THE BASKET ON THE AIRCRAFT ARE I.A.W. OUR SHOP DRAWINGS (I.E. HOLE
 DISTANCE OF THE D2749-1/-3 STRUTS). IF ALL THE PARTS WERE CORRECTLY INSTALLED, THE FORWARD STRUT
 SHOULD CONNECT TO THE SADDLE WHILE PROVIDING CLEARANCE FOR THE DOOR. NEVERTHELESS, TO CORRECT
 THE CUSTOMER'S PROBLEM, DART AGREED TO PROVIDE HIM WITH SHORTER STRUTS WHICH HE BELIEVES
 WILL CORRECT BOTH PROBLEMS.

IT IS ACCEPTABLE FOR DE#02 TO APPROVE THIS DEVIATION THROUGH A DSI SINCE REPLACING THE STANDARD
 STRUTS WITH SHORTER ONES CONSIST OF A MINOR CHANGE WHICH HAVE A VERY MINOR IMPACT ON THE
 INSTALLATION. THE SHORTER STRUTS WILL HAVE RESISTANCE TO BUCKLING AND THE ROTATION OF THE
 BASKET WILL HAVE NEGLIGEABLE IMPACT ON FLIGHT.

Key Tasks (Check or N/A)	Check	Responsible	Completion Date
Review Outstanding TSR/NCR/CAR/PAR	X	MB	
Fill out Criteria/Constraints Form - Inputs	N/A		
Fill out Project Evaluation Form	N/A		
D-Part creation/revision	X	MB	
Get Manufacturing Input	N/A		
First Article Inspection	X	MB	
Fit and Function Test	N/A		
Structural Test	N/A		
Reports (Compliance, Loads, Stress, Conformity, DSI)	X	MB	
Check Drawings against all QSIs	X	MB	
Review Criteria/Constraints Form	N/A		
Revision to existing approval	X	MB	
Close Amendment Project	X	MB	

Conclusion:

- * PROCEED WITH CREATION OF NEW STRUT D2749-9/-11 AND CREATE DSI.
- * RELEASE DRAWINGS THROUGH ECN# *916*
- * WITH D206-540-011/-013 UNDER REVIEW, FOLLOW UP WITH CUSTOMERS WHO HAVE PURCHASED -011/-013 @ CHG004.
 BASED ON THEIR FEEDBACK, PROCEED WITH NECESSARY DESIGN CHANGES TO ELIMINATE
 INTERFERENCE/STRUT LENGTH PROBLEMS IF ANY.

Marc Bellavance

From: David Shepherd [dshepherd@dartaero.com]
nt: Wednesday, February 14, 2007 10:41 AM
ro: 'Marc Bellavance'
Subject: RE: D206-540-013 Basket

signed

From: Marc Bellavance [mailto:mbellavance@dartaero.com]
Sent: Wednesday, February 14, 2007 7:09 AM
To: 'David Shepherd'
Subject: RE: D206-540-013 Basket

Updated DWGs and ADR.
Marc

From: David Shepherd [mailto:dshepherd@dartaero.com]
Sent: Tuesday, February 13, 2007 11:53 PM
To: 'Marc Bellavance'
Subject: RE: D206-540-013 Basket

Faxed back a couple of changes.

David

From: Marc Bellavance [mailto:mbellavance@dartaero.com]
Sent: Tuesday, February 13, 2007 12:49 PM
To: Shepherd, David
Cc: Stow, Dan; Shahbazian, Serge
Subject: D206-540-013 Basket

Hi David,

Please find attached revised D2749 Rev. C drawing and DSI 9369 Rev. A.
Dan and I were told to go ahead with the DSI to satisfy the customer's immediate need.
Can you please review/approve the attached drawings and ADR ASAP.
Meanwhile, D206-540 is Under Review until Dan and I get a D206-540-013 Basket manufactured for us.
We will then install the basket in the aircraft in the back shed to ensure that these problems are dealt with.
Prior removing D206-540 from Under Review Status, we will do the same with the D206-540-011 Basket.
(I was told otherwise, but still, I would really like to get input from the customer that got the other D206-540-013 @ CHG004 and the 5 others that got the D206-540-011 @ CHG004.)

Dan,

I just thought you should be CCed on this.
Prior getting back to Egli Air Haul, please wait for David's approval.

Thanks Guys!

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No virus found in this incoming message.
Checked by AVG Free Edition.

2/14/2007

Version: 7.1.411 / Virus Database: 268.17.37/682 - Release Date: 2/12/2007

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